

## **In the Claims**

1-35. (Cancelled)

36. (New) An apparatus comprising:

a home network protocol stack coupled to a network device driver, wherein the protocol stack inserts program association information into a single program transport stream transmitted through an isochronous network connection to a digital display, and sends isochronous network notifications in the home network protocol;

a device control module coupled to the network device driver, wherein the device control module receives from the digital display, through an asynchronous network connection, incoming control information in a command protocol, translates the incoming control information into the home network protocol, and sends asynchronous network connection notifications in the home network protocol to the protocol stack;

a manager subsystem coupled to the protocol stack and to the device control module, wherein the manager subsystem controls the insertion of the program association information, receives the isochronous and asynchronous network connection notifications from the protocol stack, receives the incoming control information in the home network protocol from the device control module, sends the incoming control information, the isochronous network connection notifications, and the asynchronous network connection notifications to an application, and receives outgoing control information from the application;

a display control module coupled to the manager subsystem and to the network device driver, wherein the display control module sends the outgoing control information through the asynchronous network connection to the digital display; and

a copy protection module coupled to the protocol stack and to the network device driver, wherein the copy protection module authenticates the digital display before the single program transport stream is transmitted to the digital display.

37. (New) The apparatus of claim 36, wherein the manager subsystem further filters a multiple program transport stream to the single program transport stream based on a user selection received from the application.

38. (New) A method comprising:

- translating incoming control information in a command protocol to a home network protocol, wherein the incoming control information is received from a digital display through an asynchronous network connection;

- sending the incoming control information, isochronous network connection notifications, and asynchronous network connection notifications to an application;

- receiving outgoing control information from the application;

- sending the outgoing control information to the digital display through the asynchronous network connection;

- inserting program association information into a single program transport stream transmitted through an isochronous network connection to the digital display, the insertion controlled by the application; and

- authenticating the digital display before the single program transport stream is transmitted to the digital display.

39. (New) The method of claim 38 further comprising:

- filtering a multiple program transport stream to the single program transport stream into based on a user selection received from the application.